

EXHIBIT A**Elizabeth Kavalier, MD
Total Urology Care of New York****DATE OF BIRTH:****EDUCATIONAL BACKGROUND:**

<u>Degree</u>	<u>Institution</u>	<u>Dates attended</u>	<u>Year awarded</u>
BA	Barnard College, N. Y.	1982-1986	1986
MD	SUNY Downstate	1988-1992	1992

PROFESSIONAL POSITIONS AND EMPLOYMENT

1 Founder and Managing Partner, Total Urology Care of New York	<u>Dates held</u> 2016
2. Partner, New York Urological Associates	<u>Dates held</u> 2003-2015
3. Employee, New York Urological Associates	<u>Dates held</u> 2000-2003

4 .Postdoctoral training:

<u>Title</u>	<u>Institution</u>	<u>Dates held</u>
Surgery resident	Mount Sinai Medical Center; N.Y.	1992-1994
Urology resident	Mount Sinai Medical Center, N.Y.	1994-1998
Fellow: Female Urology/Urodynamics	UCLA Medical Center, L.A, Ca	1999-2000

5.Academic positions:

<u>Title</u>	<u>Institution</u>	<u>Dates held</u>
Instructor in Urology	Mount Sinai Medical Center, N.Y.	1998-1999
Clinical Asst Professor in Urology	Weill Cornell Medical College.	2010-present
Preceptor, Voiding Dysfunction/ Female Urology Fellowship	Weill Cornell Medical College	2009-present
Program Director, Voiding	Weill Cornell Medical College	2013-present

Dysfunction/Female Urology Fellowship

6.Hospital positions:

<u>Title</u>	<u>Institution</u>	<u>Dates held</u>
Assistant Attending in Urology	Mount Sinai Medical Center, N.Y.	1998-1999
Attending in Urology	Lenox Hill Hospital, N.Y.	2000-present
Director Urogynecology	Lenox Hill Hospital, N.Y.	2007-present
Attending in Urology	NY/Presbyterian Hospital	2000-present

7.Other employment:

<u>Title</u>	<u>Institution</u>	<u>Dates held</u>
Research technician	MSKCC	1986-1987
Public HS Teacher	Christopher Columbus HS, NY	1987-1988

LICENSURE AND BOARD CERTIFICATION:**1.Licensure:**

New York 194423	1993	2016
California G85094	1999	2002

2.DEA Number: BK5899642**3.Board Certification:**

American Board of Urology # 12848	February 28, 2002
Recertification:	October 9, 2009
FMPRS Specialty Certification	September 2013

4.Malpractice Insurance:

Carrier: MLMIC paid through NY Urological Associates

PROFESSIONAL SOCIETIES:

American Urological Association	2000-present
Society Women in Urology	2000-present
Society of Urodynamics and Female Urology	2000-present
New York Section AUA	2000-present

HONORS:

Alpha Omega Alpha Honor Society, SUNY Downstate 1992

First Prize in Clinical Research 1996

The Ferdinand Valentine Essay Contest

The Detection of Human Bladder Cancer Cells in Voided

Urine Samples By Assaying for the Presence of Telomerase

First Prize for Clinical Research 1997

AUA - Circon /ACMI National Essay Contest

Detection of Human Bladder Cancer Cells in Voided Urine

Samples by Assaying for the Presence of Telomerase.

New York Magazine's Best Doctors 2014
Castle Connolly Top Doctors 2014

HOSPITAL AFFILIATIONS:

Lenox Hill Hospital
 New York Presbyterian Hospital

EMPLOYMENT STATUS:

Voluntary: Partner in New York Urological Associates 2000-present

INSTITUTIONAL RESPONSIBILITIES:

Acting Program Director/ Urology	Lenox Hill Hospital	2007-2009
Voiding Dysfunction Fellowship:	New York Hospital	2010-present
Director Urogynecology	Lenox Hill Hospital	2007-present

Teaching:	20%
Clinical Care	70%
Administrative	0%
Research	10%

EXTRAMURAL PROFESSIONAL RESPONSIBILITIES:

SUNY Downstate Medical School Mentor	2009-present
Journal of Urology: Reviewer	2006-present
Consultant: Pharmaceutical Industry	
Astellas	2007- present
DSE Healthcare	2008-present
Johnson and Johnson	2012-present

BIBLIOGRAPHY:

1. **Elizabeth Kavalier**. The Experience of an American Medical Student with an Aboriginal Community in Central Australia. New York State Journal of Medicine 1992; 92: 431-435.
2. **Elizabeth Kavalier** and Terry Hensle. Renal Artery Thrombosis in the Newborn Infant. Urology 1997; 50: 282-284.
3. Jaime Landman, **Elizabeth Kavalier**, Michael Droller, and Brian Liu. Applications of Telomerase in Urologic Oncology. World Journal of Urology 1997; 15:120-124.

4. Jaime Landman, **Elizabeth Kavalier**, and Robert Waterhouse. Acquired Methemoglobinemia Possibly Related to Phenazopyridine in a Woman with Normal Renal Function. *Urology* 1997; 158: 1520-1.
5. Michael Droller, **Elizabeth Kavalier**, Jaime Landman, and Brian Liu. Urinary Telomerase and its Possible Role as a Marker for Bladder Cancer. *Keio J Med* 1998; 47: 135-41.
6. **Elizabeth Kavalier**, Jaime Landman, Yongli Chang, Michael J. Droller, and Brian Liu. Detecting Human Bladder Carcinoma Cells in Voided Urine Samples by Assaying for the Presence of Telomerase Activity. *Cancer* 1998; 82: 708-714.
7. Jaime Landman, **Elizabeth Kavalier**, Yongli Chang, Michael J. Droller, and Brian Liu. Sensitivity and Specificity of NMP -22, Telomerase, and BTA in the Detection of Human Bladder Cancer. *Urology* 1998; 52: 398-402.
8. Shlomo Raz, Craig Comiter, Sandip P. Vasavada, **Elizabeth Kavalier**, and Joseph M. Carbone. Surgical Treatment of Female Stress Urinary Incontinence. *Contemporary Urology* 2000; 12: 62-87.
9. Joseph M. Carbone, **Elizabeth Kavalier**, Jim Hu, and Shlomo Raz. Pubovaginal Sling Using Cadaveric Fascia and Bone Anchors: Disappointing Early Results. *Journal of Urology* 2001; 165:1605-1612.
10. Karyn Schlunt Eilber, **Elizabeth Kavalier**, Larissa Rodriguez, Nirit Rosenblum and Shlomo Raz. Ten Year Experience with Transvaginal Vesicovaginal Fistula Repair Using Tissue Interposition. *Journal of Urology* 2003; 169: 1033-1036.
11. Jennifer Hill, Ginger Isom-Batz, Georgia Panagopoulous, Kay Zachariasen, and **Elizabeth Kavalier**. Patient Perceived Outcomes of Treatments of Interstitial Cystitis. *Urology* 2007; 10: 62-65.
12. Ciara S. Marley, Lori B. Lerner, Georgia Panagopoulous, and **Elizabeth Kavalier**. Having It All: Personal, Professional and Financial Satisfaction among American Women Urologists. *Brazilian Journal of Urology*: Vol. 37 (2); March April 2011
13. Seema Sheth, Bilal Chughtai, Richard Lee, Renuka Tyagi, and **Elizabeth Kavalier**. The Use of Synthetic Mesh and the Management of Mesh Extrusion in Vaginal Surgery. *Expert Reviews of Medical Devices*. July 2012.
14. Bilal Chughtai, Richard Lee, **Elizabeth Kavalier**, Franklin Lowe. Use of Herbal Supplements in Overactive Bladder. *Medical Reviews in Urology* . Accepted Sept 2013

BOOKS:

1. **Elizabeth Kavalier** and Michael Droller. Urologic Tumors in Women. Urologia Feminina. 1. ed. Irineu Rubinstein. Rio De Janeiro, Brazil: Fundo Editorial Byk, 398 pages 1999.
2. **Elizabeth Kavalier**. A Seat on the Aisle, Please! The Essential Guide to Urological Problems in Women. New York, N.Y.: Springer 396 pages 2006
- 3, Yaniv Larish and **Elizabeth Kavalier**; Chapter 1 Anatomy and Embryology of the Female Pelvis in Female Pelvic Surgery Ed. Farzeen Firoozi. Springer 2014

ABSTRACTS:

1. **Elizabeth Kavalier**, Michael Droller and Brian Liu Detecting Human Bladder Carcinoma Cells in Voided Urine Samples by Assaying for the Presence of Telomerase Activity AUA 1997
2. Hannes Strasser, **Elizabeth Kavalier**, Arnulf Stenzl, Richard Neururer, Barbara Ludwigowski, Georg Bartsch, and Helga Fritsch. Radical Prostatectomy: Does the Rectourethralis Muscle Exist? AUA Dallas, Texas, 1999.
3. **Elizabeth Kavalier**, Hannes Strasser, Arnulf Stenzl, Georg Bartsch, Helga Fritsch Pedicles of the Female Urethra: Fetal Development. AUA Dallas, Texas. 1999
4. Joseph M. Carbone, **Elizabeth Kavalier**, and Shlomo Raz. Cadaveric Fascia Sling in the Repair of Stress Urinary Incontinence. AUA Atlanta, Ga. 2000.
5. **Elizabeth Kavalier**, Joseph M. Carbone, and Shlomo Raz Transvaginal Repair of Vesicovaginal Fistula: The Use of Peritoneal Flap.. AUA Atlanta, Ga. 2000.
6. Hannes Stresser, **Elizabeth Kavalier**, Andreas Lienemann, Germar Pingera, Georg Bartsch and Helga Fritsch. What are the Supportive Structures of the Female Urethra? AUA Chicago, Illinois. 2003
7. Gyan Pareek, John Fracchia, George Young and **Elizabeth Kavalier**. Utility of Radiographic Imaging in the Diagnosis and Treatment of Vaginal Wall Masses. AUA San Francisco, California. 2004
8. Ginger Isom-Batz and **Elizabeth Kavalier** Risk of Polypropylene Mesh Erosion in Pelvic Prolapse Surgery. Society of Urodynamics and Female Urology, Scottsdale, Arizona. 2004

9. Ginger Isom-Batz, and **Elizabeth Kavalier**. Prolapse surgery in Women over 80 years Old. Society of Urodynamics and Female Urology, Orlando, Florida. 2005
10. Jennifer Hill, Ginger Isom-Batz, Kay Zakariasen, and **Elizabeth Kavalier**. Patient-based Questionnaire Regarding the Results of Treatment of Interstitial Cystitis. Society of Urodynamics and Female Urology, Bahamas. 2006.
11. Jennifer Hill and **Elizabeth Kavalier**. Five Point Cystocele Repair—Teaching Video. AUA. Orlando Florida. 2008
12. Jennifer Hill, John Fracchia and **Elizabeth Kavalier**. Perioperative Outcomes of Uterine Sparing Surgery Compared to Hysterectomy in Women with Grade IV Prolapse. AUA Orlando, Florida. 2008
13. Ciara Marley, Lori Lerner, Georgia Panagopoulous, and **Elizabeth Kavalier**. Having it All: Satisfaction among Women Urologists Personally, Professionally, and Financially. Society of Urodynamics and Female Urology, St.Petersburg, Florida. Feb 2009
14. Seth Lerner, Georgia Panagopoulous, and **Elizabeth Kavalier**. The Incidence of Mesh Erosion in Vaginal Reconstructive Surgery: One Surgeon's Experience. International Continence Society Meeting. Toronto, Canada. August 2010
15. Tannaz Adib, Georgia Panagopoulous and **Elizabeth Kavalier**. Female Sexual Behavior and Preferences: Survey of women on the Upper East Side of Manhattan in New York City. World Congress for Sexual Health, Glasgow, Scotland, June 2011
16. Bilal Chughtai, Melissa Laudano, **Elizabeth Kavalier**, Renuka Teyagi and Richard Lee. A Cost-effectiveness Analysis of Tension-free Vaginal Tape vs. Burch Colposuspension for Female Stress Incontinence; Podium presentation. AUA National Meeting, Atlanta, Georgia 2012

COURSES/PRESENTATIONS:

1. Shlomo Raz, **Elizabeth Kavalier**, and Joseph Carbone. Vaginal Reconstructive Surgery. AUA Post- Graduate Course, Atlanta, Ga. 2000.
2. Innovations in Urology: Treatment of Pelvic Floor Prolapse. Lenox Hill Hospital Symposium, New York, N.Y. September 2001.
3. Urinary Incontinence and Pelvic Floor Reconstruction: 2001. Beth Israel Medical Center, New York, N.Y. November 2001.
4. Zafar Khan, Victor Nitti, Jonathan Vapnek, and **Elizabeth Kavalier**. Historical and Recent Perspectives in Treating Voiding Dysfunction in Women: Panel Discussion.

American Urologic Association 100th Anniversary Weekend in New York. Scientific Program. NYC February 2002.

5. Christopher Coogan and **Elizabeth Kavalier**. Medical Malpractice in Urology: How to Prevent and Defend. AUA Post- Graduate Course San Francisco 2010

6. Controversies in Female Urology. New York Section American Urological Association, Krakow, Poland October 2010

7. Female Sexual Dysfunction. New York Section American Urological Association, Krakow, Poland. October 2010

8. Use of Prolift, Prosima, and TVTO in pelvic reconstructive surgery. Johnson and Johnson Training Course, Baltimore, Maryland October 15, 2010 and November 5, 2010

9. Christopher Coogan and **Elizabeth Kavalier**. Medical Malpractice in Urology: How to Prevent and Defend, AUA Post- Graduate Course Washington, D.C. 2011

10. Christopher Coogan and **Elizabeth Kavalier**; Medical Malpractice in Urology: How to Prevent and Defend, AUA Post-Graduate Course Atlanta, Georgia. 2012

11. Christopher Coogan and **Elizabeth Kavalier**; Medical Malpractice in Urology: How to Prevent and Defend, AUA Post-Graduate Course Orlando, Florida 2013

12. The Mesh Controversy: A Cautionary Tale. New York Section American Urological Association; Baltic Sea June 2014

13. Female Sexual Dysfunction. New York Section American Urological Association. Baltic Sea June 2014

14. The Mesh Controversy: A Cautionary Tale. Mid Atlantic American Urological Association. Baltimore, Maryland 2014

15 Billy Cordon and **Elizabeth Kavalier** Graft Augmented Rectocele Repair. Video Presentation. ICS Rio de Janeiro, Brazil October 2014

16. Christopher Coogan and **Elizabeth Kavalier**; Medical Malpractice in Urology: How to Prevent and Defend. AUA Post-Graduate Course 2015